

A P P E N D I X

B

CSS Reference

This appendix includes CSS property descriptions, sorted both alphabetically and by category. For more detailed information, visit the World Wide Web Consortium Web site at www.w3.org.



ALPHABETICAL CSS PROPERTY REFERENCE

TABLE B-1

Common CSS properties

Notation	Definition
< >	Words between angle brackets specify a type of value; for example, <color> enters a color value such as red
	A single vertical bar between values means one or the other must occur; for example, scroll fixed means choose scroll or fixed
	Two vertical bars separating values means one or the other or both values can occur; for example, <border-width> <border-style> <color> means any or all of the three values can occur
[]	Square brackets group parts of the property value together; for example, none [underline overline line-through blink] means the value either is none or one of the values within the square brackets

TABLE B-2

Complete list of CSS properties

Property	Values	Default	Applies To
Background (Shorthand property)	<background-color> <background-image> <background-repeat> <background-attachment> <background-position>	No default for shorthand properties	All elements
Background-attachment	scroll fixed	Scroll	All elements
Background-color	color name or hexadecimal value transparent	Transparent	All elements
Background-image	<url> none	None	All elements
Background-position	[<percentage> <length>]{1,2} [top center bottom] [left center right]	0% 0%	Block-level and replaced elements
Background-repeat	repeat repeat-x repeat-y no-repeat	Repeat	All elements
Border (Shorthand property)	<border-width> <border-style> <color>	No default for shorthand properties	All elements

TABLE B-2
*Complete list of CSS
 properties
 (continued)*

Property	Values	Default	Applies To
Border-bottom	<border-bottom-width> <border-style> <color>	No default for shorthand properties	All elements
Border-bottom-width	thin medium thick <length>	Medium	All elements
Border-color	<color>	Value of the 'color' property	All elements
Border-left (Shorthand property)	<border-left-width> <border-style> <color>	No default for Shorthand properties	All elements
Border-left-width	thin medium thick <length>	Medium	All elements
Border-right (Shorthand property)	<border-right-width> <border-style> <color>	No default for Shorthand properties	All elements
Border-right-width	thin medium thick <length>	Medium	All elements
Border-style	none dotted dashed solid double groove ridge inset outset	None	All elements
Border-top (Shorthand property)	<border-top-width> <border-style> <color>	No default for Shorthand properties	All elements
Border-top-width	thin medium thick <length>	Medium	All elements
Border-width (Shorthand property)	[thin medium thick <length>]	No default for Shorthand properties	All elements
Clear	none left right both	None	All elements
Color	<color>	Browser specific	All elements
Display	block inline list-item none	Block	All elements
Float	left right none	None	All elements
Font (Shorthand property)	[<font-style> <font-variant> <font-weight>] <font-size> [/ <line-height>] <font-family>	No default for Shorthand properties	All elements
Font-family	Font family name (such as Times) or generic family name (such as sans-serif)	Browser specific	All elements

TABLE B-2
*Complete list of CSS
 properties
 (continued)*

Property	Values	Default	Applies To
Font-size	<absolute-size> <relative-size> <length> <percentage>	Medium	All elements
Font-style	normal italic oblique	Normal	All elements
Font-variant	normal small-caps	Normal	All elements
Font-weight	normal bold bolder lighter 100 200 300 400 500 600 700 800 900	Normal	All elements
Height	<length> <percentage> auto	Auto	Block-level and replaced elements
Letter-spacing	normal <length>	Normal	All elements
Line-height	normal <number> <length> <percentage>	Normal	All elements
List-style (Shorthand property)	<keyword> <position> <url>	No default for Shorthand properties	Elements with 'display' value 'list-item'
List-style-image	<url> none	None	Elements with 'display' value 'list-item'
List-style-position	inside outside	Outside	Elements with 'display' value 'list-item'
List-style-type	disc circle square decimal lower-roman upper-roman lower-alpha upper-alpha none	Disc	Elements with 'display' value 'list-item'
Margin (Shorthand property)	[<length> <percentage> auto]	No default for Shorthand properties	All elements
Margin-bottom	<length> <percentage> auto	0	All elements
Margin-left	<length> <percentage> auto	0	All elements
Margin-right	<length> <percentage> auto	0	All elements
Margin-top	<length> <percentage> auto	0	All elements
Padding	<length> <percentage>	0	All elements
Padding-bottom	<length> <percentage>	0	All elements
Padding-left	<length> <percentage>	0	All elements

TABLE B-2
Complete list of CSS
properties
(continued)

Property	Values	Default	Applies To
Padding-right	<length> <percentage>	0	All elements
Padding-top	<length> <percentage>	0	All elements
Text-align	left right center justify	Browser specific	Block-level elements
Text-decoration	none [underline overline line-through blink]	None	All elements
Text-indent	<length> <percentage>	0	Block-level elements
Text-transform	capitalize uppercase lowercase none	None	All elements
Vertical-align	baseline sub super top text-top middle bottom text-bottom <percentage>	Baseline	Inline elements
White-space	normal pre nowrap	Normal	Block-level elements
Width	<length> <percentage> auto	Auto	Block-level and replaced elements
Word-spacing	normal <length>	Normal	All elements

CSS PROPERTIES BY CATEGORY

FONT AND TEXT PROPERTIES

TABLE B-3
CSS font and text
properties

Property	Values	Default	Applies To
Color	<color>	Browser specific	All elements
Font (Shorthand property)	[<font-style> <font-variant> <font-weight>] <font-size> [/ <line-height>] <font-family>	No default for Shorthand properties	All elements
Font-family	Font family name (such as Times) or generic family name (such as sans-serif)	Browser specific	All elements
Font-size	<absolute-size> <relative-size> <length> <percentage>	Medium	All elements
Font-style	normal italic oblique	Normal	All elements
Font-variant	normal small-caps	Normal	All elements

TABLE B-3
*CSS font and text
 properties
 (continued)*

Property	Values	Default	Applies To
Font-weight	normal bold bolder lighter 100 200 300 400 500 600 700 800 900	Normal	All elements
Letter-spacing	normal <length>	Normal	All elements
Line-height	normal <number> <length> <percentage>	Normal	All elements
Text-decoration	none [underline overline line-through blink]	None	All elements
Text-indent	<length> <percentage>	0	Block-level elements
Text-transform	capitalize uppercase lowercase none	None	All elements
Vertical-align	baseline sub super top text-top middle bottom text-bottom <percentage>	Baseline	Inline elements
Word-spacing	normal <length>	Normal	All elements

BOX PROPERTIES

TABLE B-4
CSS box properties

Property	Values	Default	Applies To
Margin (Shorthand property)	[<length> <percentage> auto]	No default for Shorthand properties	All elements
Margin-bottom	<length> <percentage> auto	0	All elements
Margin-left	<length> <percentage> auto	0	All elements
Margin-right	<length> <percentage> auto	0	All elements
Margin-top	<length> <percentage> auto	0	All elements
Padding	<length> <percentage>	0	All elements
Padding-bottom	<length> <percentage>	0	All elements
Padding-left	<length> <percentage>	0	All elements
Padding-right	<length> <percentage>	0	All elements
Padding-top	<length> <percentage>	0	All elements
Border (Shorthand property)	<border-width> <border-style> <color>	No default for Shorthand properties	All elements

TABLE B-4
CSS box properties
(continued)

Property	Values	Default	Applies To
Border-bottom	<border-bottom-width> <border-style> <color>	No default for Shorthand properties	All elements
Border-bottom-width	thin medium thick <length>	Medium	All elements
Border-color	<color>	Value of the 'color' property	All elements
Border-left (Shorthand property)	<border-left-width> <border-style> <color>	No default for Shorthand properties	All elements
Border-left-width	thin medium thick <length>	Medium	All elements
Border-right (Shorthand property)	<border-right-width> <border-style> <color>	No default for Shorthand properties	All elements
Border-right-width	thin medium thick <length>	Medium	All elements
Border-style	none dotted dashed solid double groove ridge inset outset	None	All elements
Border-top (Shorthand property)	<border-top-width> <border-style> <color>	No default for Shorthand properties	All elements
Border-top-width	thin medium thick <length>	Medium	All elements
Border-width (Shorthand property)	[thin medium thick <length>]	No default for Shorthand properties	All elements
Clear	none left right both	None	All elements
Float	left right none	None	All elements
Height	<length> <percentage> auto	Auto	Block-level and replaced elements
Width	<length> <percentage> auto	Auto	Block-level and replaced elements

BACKGROUND PROPERTIES

TABLE B-5
CSS background
properties

Property	Values	Default	Applies To
Background (Shorthand property)	<background-color> <background-image> <background-repeat> <background-attachment> <background-position>	No default for Shorthand properties	All elements
Background-attachment	scroll fixed	Scroll	All elements
Background-color	color name or hexadecimal value transparent	Transparent	All elements
Background-image	<url> none	None	All elements
Background-position	[<percentage> <length>]{1,2} [top center bottom] [left center right]	0% 0%	Block-level and replaced elements
Background-repeat	repeat repeat-x repeat-y no-repeat	Repeat	All elements

CLASSIFICATION PROPERTIES

TABLE B-6
CSS classification
properties

Property	Values	Default	Applies To
Display	block inline list-item none	Block	All elements
List-style (Shorthand property)	<keyword> <position> <url>	No default for Shorthand properties	Elements with 'display' value 'list-item'
List-style-image	<url> none	None	Elements with 'display' value 'list-item'
List-style-position	inside outside	Outside	Elements with 'display' value 'list-item'
List-style-type	disc circle square decimal lower-roman upper-roman lower-alpha upper-alpha none	Disc	Elements with 'display' value 'list-item'
White-space	normal pre nowrap	Normal	Block-level elements

CSS MEASUREMENT UNITS

TABLE B-7
CSS measurement
properties

Unit	Code Abbreviation	Description
Centimeter	cm	Standard metric centimeter
Em	em	The width of the capital M in the current font, usually the same as the font size
Ex	ex	The height of the letter x in the current font
Inch	in	Standard U.S. inch
Millimeter	mm	Standard metric millimeter
Relative	For example: 150%	Sets a font size relative to the base font size; 150% equals one-and-one-half the base font size
Pica	pc	Standard publishing unit, equal to 12 points
Pixel	px	The size of a pixel on the current display
Point	pt	Standard publishing unit; there are 72 points in an inch